

LISTING OF CLAIMS:

This listing of claims replaces all prior versions and listings of claims in this application:

1. (Canceled).
2. (Currently amended) The integrated support according to claim [1] 7, wherein the material of the base member is selected from the group consisting of a porous material, a foam material, a fibrous material, a material with an irregular surface, or an impregnating material.
3. (Currently amended) An integrated support according to claim [1] 7 or claim 2, wherein said base member is rolled in such a way that the base member either enables or prevents expansion, while bringing side portions thereof into contact with each other or while maintaining a spacing or while sandwiching an auxiliary member.
4. (Currently amended) An integrated support according to claim [1] 7 or claim 2, wherein markings are attached to said base member for identifying the chemical structure of said substances for detection, or the locations on said integrated support of said substances for detection.
5. (Currently amended) An integrated support according to claim [1] 7 or claim 2, further comprising a binding section for binding said base member and/or an auxiliary member in such a way that said at least one base member and/or the auxiliary member is either releasable or non-releasable.
6. (Original) An integrated support according to claim 5, wherein said binding section is an adhesive portion for bonding side portions of said base member and/or auxiliary member in a manner which is either releasable or non-releasable.

7. (Currently amended) [An integrated support according to claim 1 or claim 2,]
An integrated support comprising:
at least one base member,
a variety of substances for detection of predetermined chemical structure, said
variety of substances being fixed side by side along the length of said base member,
said base member being integrated to form a cylinder, a prism, a circular cone, or
a pyramid, so that a layer surface in which the substances are fixed is formed and a
fixed location of each substance in the layer surface identifies the chemical structure,
wherein the shape of the at least one base member is selected from the group
consisting of a thread shape, a string shape, a tape shape, and a long and slender
shape,
wherein each substance is fixed at a location selected from the group consisting
of on the surface of the base member, at channels in the base member, at apertures in
the base member, and in the base member, and
wherein a linear homiothermal member is embedded inside said base member
and/or an auxiliary member for heating or cooling purposes.

8. (Canceled).

9. (Canceled).

10. (Canceled).

11. (Canceled).

12. (Canceled).

13. (Canceled).

14. (Canceled).

15. (Canceled).

16. (Canceled).

17. (Canceled).

18. (Canceled).

19. (Canceled).

20. (Canceled).

21. (Canceled).

22. (Canceled).

23. (Canceled)

24. (Currently amended). [A method of manufacturing an integrated support according to claim 22 or claim 23,] A method of manufacturing an integrated support, comprising:

making at least one base member from a material selected from the group consisting of a porous material, a foam material, a fibrous material, a material with an irregular surface, or an impregnating material,

positioning and fixing substances for detection of predetermined chemical structures at predetermined locations on said at least one base member,

selecting the shape of said at least one base member from the group consisting of a thread shape, a string shape, a tape shape, and a long and slender shape,

rolling said at least one base member to give integration and form a layer surface in which the substances for detection are fixed, and

selecting the location of the substances for detection from the group consisting of on the surface of the base member, at channels in the base member, at apertures in the base member, and in the base member,

wherein in said positioning step, a suspension or semiliquid incorporating a substance for detection with a predetermined chemical structure, is positioned by being painted, dispensed, imprinted, drawn up, impregnated or stored onto said base member at a location which corresponds to the chemical structure.

25. (Currently amended) A method of manufacturing an integrated support according to claim [22 or claim 23] 24, wherein said base member is rolled, in such a way that the base member either enables or prevents expansion while bringing said base member into contact with itself or while maintaining a spacing or while sandwiching an auxiliary member to give integration.

26. (Canceled)

27. (Currently amended) A method of manufacturing an integrated support according to claim [22 or claim 23] 24, wherein in said positioning step each suspension or semi-liquid incorporating a substance for detection with a predetermined chemical structure, is positioned by being painted, dispensed, imprinted, drawn up, impregnated or stored onto said base member, or, into channels, apertures, a porous material, a foam material, a fibrous material, a material with an irregular surface or an impregnating material, provided with said base member.

28. (Currently amended) A method of manufacturing an integrated support according to claim [22 or claim 23] 24, wherein in said rolling step said base member and/or auxiliary member are bound in such a way that the base member and/or the auxiliary member is either releasable or non-releasable.

29. (Currently amended) A method of manufacturing an integrated support according to claim [22 or claim 23] 24, wherein in said positioning step, said substances

for detection are fixed and supported onto said base member by drying the positioned suspensions or semi-liquids which contain the substances for detection.

30. (Canceled).

31. (Canceled).

32. (Canceled).

33. (Canceled).

34. (Canceled).

35. (Canceled).

36. (Currently amended) [A method of using an integrated medium according to claim 22,] A method of manufacturing an integrated support, comprising:

making at least one base member from a material selected from the group consisting of a porous material, a foam material, a fibrous material, a material with an irregular surface, or an impregnating material,

positioning and fixing substances for detection of predetermined chemical structures at predetermined locations on said at least one base member,

selecting the shape of said at least one base member from the group consisting of a thread shape, a string shape, a tape shape, and a long and slender shape,

rolling said at least one base member to give integration and form a layer surface in which the substances for detection are fixed, and

selecting the location of the substances for detection from the group consisting of on the surface of the base member, at channels in the base member, at apertures in the base member, and in the base member,

wherein by passing a heating fluid or a cooling fluid through an integrated support, an integrated minute vessel, or a permeable membrane, the integrated

support, integrated minute vessel, or permeable membrane is heated or cooled respectively.

37. (Currently amended) A method of using an integrated medium, comprising:
a processing step for detecting a substance using an integrated support,
according to claim [1] 7, and
conducting measurements of an optical state with the processed integrated
support, [,] either in an expanded state or in an integrated state.

38. (Previously presented) A method of using an integrated medium according
to claim 37, wherein the measurement with said integrated support in an integrated
state comprises identifying an absolute location on the outside layer surface thereof.

39. (Canceled).

40. (Canceled).

41. (Canceled).

42. (Canceled).

43. (Canceled).

44. (Canceled).

45. (Canceled).

46. (Canceled).

47. (Canceled).

48. (Canceled).

49. (Canceled).